

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality
hereby attests that the product(s)

Concrete Admixtures

(Details as per the attached Scope of Certification)

manufactured by:

MASTER BUILDERS SOLUTIONS CONSTRUCTION CHEMICALS LLC
P. O. Box: 37127, Dubai Investments Park, Dubai, United Arab Emirates

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS EN 934-2:2009+A1:2012

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark on the above-mentioned product(s).



for / ENGR. AMIN AHMED AMIN
Director, Dubai Central Laboratory Department
Dubai Municipality

Certificate No: CL19020671 1
Valid Until: 14/04/2021



Current Issue Date: 18/02/2021
Original Issue Date: 15/04/2019



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL19020671 (REV. 03)

Certificate Issued To: MASTER BUILDERS SOLUTIONS CONSTRUCTION
CHEMICALS LLC
P. O. Box: 37127, Dubai Investments Park, Dubai,
United Arab Emirates

Applicable Standard Specification: BS EN 934-2: 2009 + A1: 2012 - Admixtures for
Concrete, mortar and grout

Applicable Specific Rules: DM-DCLD-RD-DP21-2195 (IC) - Specific Rules for
Certification of Concrete Admixtures

S/N	PRODUCT DESCRIPTION	BRAND NAME	PRODUCT DETAILS
1.	High Range Water Reducing /Superplastizing Admixture	<p>MasterGlenium ACE 415 MasterGlenium ACE 456 MasterCast 726 MasterCast 779</p> <p>MasterCrete AC 1000 – Superplasticizer for Geopolymer Concrete</p> <p>MasterCrete AC 500 – Activator for Geopolymer Concrete</p>	<p>High Range Water Reducing /Superplastizing Admixture</p> <p>Water Reduction: Test Mix ≥ 12 % compared with control mix</p> <p>Air Content: Test mix ≤ 2 % by volume above control mix</p> <p>Compressive strength @ 7 days: Test Mix is ≥ 100 % of control mix</p> <p>Compressive strength @ 28 days: Test Mix is ≥ 115 % of control mix</p> <p>Dosage: 5.13 L/m³</p>

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2.	Viscosity Modifying admixture	MasterMatrix 110	<p>Viscosity Modifying Admixture</p> <p>Air Content: Test mix $\leq 2\%$ by volume above control mix</p> <p>Compressive strength @ 28 days: Test Mix is $\geq 80\%$ of control mix</p> <p>Segregation (SR): Control mix $\geq 15\%$ and SR $\leq 30\%$ test mix SR $\leq 70\%$ of the value obtained with the control mix</p> <p>Dosage: 1.0 L/m³</p>
3.	Set retarding/high range water reducing/super plasticizing admixtures	<p>MasterGlenium SKY 3110; MasterGlenium SKY 504 MasterGlenium SKY 504S MasterGlenium SKY 504W MasterGlenium 110M MasterGlenium 112AE MasterGlenium 114 MasterGlenium 119 MasterGlenium 119M MasterGlenium 119S MasterGlenium 120 MasterGlenium 120AE MasterGlenium 120T MasterGlenium 121 MasterGlenium 121W MasterGlenium 183</p>	<p>Set retarding/high range water reducing/ super plasticizing Admixtures</p> <p>Water Reduction: Test Mix $\geq 12\%$ compared with control mix</p> <p>Air Content: Test mix $\leq 2\%$ by volume above control mix</p> <p>Compressive strength @ 7 days: Test Mix is $\geq 100\%$ of control mix</p> <p>Compressive strength @ 28 days: Test Mix is $\geq 115\%$ of control mix</p> <p>Setting Time (hours) Initial: Test Mix \geq control mix + 90 minutes</p> <p>Setting Time (hours) Final: Test Mix \leq control mix + 360 minutes</p> <p>Dosage: 7.0 L/m³</p>

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	Set retarding/high range water reducing/super plasticizing admixtures	MasterGlenium 183 MasterGlenium 3333 MasterPolyheed 3533 MasterPolyheed 3536 MasterRheobuild 805 MasterRheobuild 856 MasterRheobuild 857 MasterRheobuild 857AE	Set retarding/high range water reducing/super plasticizing Admixtures Water Reduction: Test Mix ≥ 12 % compared with control mix Air Content: Test mix ≤ 2 % by volume above control mix Compressive strength @ 7 days: Test Mix is ≥ 100 % of control mix Compressive strength @ 28 days: Test Mix is ≥ 115 % of control mix Setting Time (hours) Initial: Test Mix \geq control mix + 90 minutes Setting Time (hours) Final: Test Mix \leq control mix + 360 minutes Dosage: 7.0 L/m ³
4.	Water resisting admixtures	MasterLife WP 730 MasterLife WP 740 MasterCast WP 240 MasterCast WP 793 MatserLife WP 3760 MatserLife WP 1200	Air Content: Test mix ≤ 2 % by volume above control mix Compressive strength @ 28 days: Test Mix is ≥ 85 % of control mix Capillary Absorption test for 7 days after 7 days curing: test mix ≤ 50 % by mass of control mix Capillary Absorption test for 28 days after 90 days curing: test mix ≤ 60 % by mass of control mix Dosage: 8.0 L/m ³

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**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL19020671 (REV. 03)**

- Note 1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.*
- Note 2: The above product shall bear the DCL Conformity Mark.*
- Note 3: This DCL Scope of Certification was revised to reflect the changes in the factory name and this supersedes the one issued last 25 October 2020.*

Original Issue Date: 15 April 2019
Current Issue Date: 18 February 2021
Valid Until: 14 April 2021

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department